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HAROLD LEGGETT, PH.D.  
SECRETARY

State of Louisiana  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
ENVIRONMENTAL SERVICES

Certified Mail No.:

Activity No.: PER20070021  
Agency Interest No.: 1255

Mr. Jonathon Manns  
Plant Manager  
PPG Industries, Inc.  
P. O. Box 1000  
Lake Charles, LA 70602

RE: Part 70 Operating Permit Modification, Lake Charles Complex – Wastewater Unit, PPG Industries, Inc., Lake Charles, Calcasieu Parish, Louisiana

Dear Mr. Manns:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 29th of June, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Permit No.: 2269-V1

Sincerely,

Cheryl Sonnier Nolan  
Assistant Secretary  
CSN:QMZ  
cc: EPA Region VI

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**PPG INDUSTRIES, INC., LAKE CHARLES COMPLEX WASTEWATER UNIT**  
**PROPOSED PART 70 AIR OPERATING PERMIT MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed Part 70 air operating permit modification for PPG Industries, Inc., P. O. Box 1000, Lake Charles, Louisiana 70602-1000 for the Lake Charles Complex – Wastewater Unit. **The facility is located at 1300 PPG Dr., Lake Charles, Calcasieu Parish.**

PPG Industries, Inc.'s (PPG's) Lake Charles Complex is organized into the following permitting units/areas: VC Production, Power/Utilities, Silicas, Complex Support Facilities, Chlor/Alkali Plant, Mercury Recovery Unit, Membrane Unit, Derivatives Shipping, Derivatives Docks, Wastewater Unit, Greater EDC, Waste Recovery Unit, Per/Tri, TE-2, and Incinerators Area. This permit covers the Wastewater Unit.

PPG requested a permit modification to add emissions of dichloromethane (methylene chloride) for ARE044, which were inadvertently omitted in the previous permit. Emission corrections for Source ARE043 are also made.

Estimated emissions from the Wastewater Unit in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM <sub>10</sub>	< 0.01	< 0.01	-
SO <sub>2</sub>	< 0.01	< 0.01	-
NO <sub>x</sub>	< 0.01	< 0.01	-
CO	< 0.01	< 0.01	-
VOC	39.50	30.91	- 8.59

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, May 1, 2008.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit modification application, proposed permit, and the statement of basis for the permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can**

also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).

Additional copies may be reviewed at the Calcasieu Parish Public Library, Westlake Branch, 937 Mulberry Street, Westlake, LA 70669 and the Calcasieu Parish Public Library, Sulphur Regional Branch, 1160 Cypress Street, Sulphur, LA 70663.

Inquiries or requests for additional information regarding this permit action should be directed to Dr. Qingming Zhang, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3140.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [deqmaillistrequest@la.gov](mailto:deqmaillistrequest@la.gov) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at [www.deq.louisiana.gov/apps/pubNotice/default.asp](http://www.deq.louisiana.gov/apps/pubNotice/default.asp) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.doa.louisiana.gov/oes/listservpage/ldeq\\_pn\\_listserv.htm](http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm).

All correspondence should specify AI Number 1255, Permit Number 2269-V1, and Activity Number PER20070021.

Scheduled Publication Date: March 28, 2008

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LAKE CHARLES COMPLEX – WASTEWATER UNIT**  
**AGENCY INTEREST NO. 1255**  
**PPG INDUSTRIES, INC.**  
**LAKE CHARLES, CALCASIEU PARISH, LOUISIANA**

**I. Background**

The Lake Charles Complex is a chemical manufacturing facility. It is organized into the following units/areas: VC Production, Power/Utilities, Silicas, Complex Support Facilities, Chlor/Alkali Plant, Mercury Recovery Unit, Membrane Unit, Derivatives Docks, Derivatives Shipping, Wastewater Treatment Facilities, Greater EDC, Waste Recovery Unit, Per/Tri, TE-2, and Incinerators Area.

This is a modification to Part 70 Operating Permit No. 2269-V0 for Wastewater Unit, which was issued on June 29, 2006 and was amended on May 22, 2007.

**II. Origin**

A permit application dated November 20, 2007 was submitted by PPG Industries, Inc. requesting a Part 70 operating permit modification for the reference facility.

**III. Description**

This facility treats wastewater from the chemical production processes, maintenance activities, HSWA (Hazardous and Solid Waste Amendments) remediation activities, and stormwater resulting from rain events. The Wastewater Unit consists of the following operating systems/equipment:

Wastewater Collection/Transfer Facilities

The collection system for three complex stripper systems includes numerous sewer systems and their respective lift stations that collect wastewater or stormwater. The upstream portions of the collection system consist of various collection and containment devices, including trenches, hard piping, drains, manholes, and junction boxes. These upstream sewer systems are routed to the lift stations that in turn send the wastewater to the treatment systems as described below.

WTU Stripper System

The Wastewater Treatment Unit (WTU) stripper system consists of three steam strippers that treat nonmetals contaminated wastewater from sewer systems throughout the Derivatives area. The wastewater from the sewer collection system is sent to the WTU settlers where the water is separated from the organic phase. The water phase is sent to the WTU feed storage vessels while the organic phase is routed to another area for material recovery or reuse.

From the WTU feed storage vessels, the wastewater passes through a filter before entering the steam strippers for treatment. Second treatment is provided by carbon bed filters, or other

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necessary treatment, before water is discharged through a NPDES monitoring point. All vents from the WTU stripper system are routed to incineration either directly or via a vent compressor system. Condensed organics from this system are routed to the Waste Recovery Unit.

CSS Stripper System

High pH metals contaminated wastewater from the Derivatives Plant is collected and fed to the CSS (Central Steam Stripper) stripper feed storage vessels. Wastewater accumulated in the feed storage vessels is directed through one of two CSS steam strippers. Overheads from the strippers are condensed and sent to a phase separator. CSS strippers system vents are incinerated at one of the on-site incineration systems. Recovered organics from the phase separator are routed to the Waste Recovery Unit.

Per/Tri Steam Stripper System

Two steam strippers are used to treat acidic metals-contaminated wastewater from the Per/Tri Production Unit. The wastewater collected in the Per/Tri stripper feed storage vessels is routed through plate separator to the Per/Tri steam strippers. The Per/Tri stripper bottoms stream may be directed to acid recovery before being routed to the BAT (Best Available Technology) metals removal system for further treatment. Vents for the Per/Tri stripper system are sent to incineration. Recovered organics are routed to the Waste Recovery Unit.

Per/Tri TCA Destruction System

Trichloroacetic acid (TCA), an undesired by-product, is removed in the Per/Tri TCA destruction system from the affected wastewater stream. This system heats the water to a defined temperature and provides the necessary capacity to hold the wastewater at this temperature for a prescribed retention time. This process allows the TCA to break down to chloroform. The wastewater is then cooled and sent to the Per/Tri stripper system.

Sodium Formate Destruction System

The sodium formate destruction system consists of a series of retention vessels and static mixers. It treats the effluent from the CSS steam strippers to remove sodium formate. The CSS stripper bottoms stream flows to this system where, in a series of static mixers, acid and either bleach or a combination of chlorine and caustic or both, are added. The wastewater then flows through a series of retention vessels in which the sodium formate destruction takes place.

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Dechlorination System

The dechlorination system uses a chemical additive to convert bleach from the sodium formate destruction section and from PPG's incinerator scrubbing systems to sodium chloride. The first of two series of vessels accepts metals-contaminated wastewater. The wastewater stream is treated before it reaches the first series of dechlorination process vessels. The dechlorination is accomplished as the water flows through the mix/reaction vessels. The water is then routed to the BAT metals removal section.

The second dechlorination system treats nonmetals contaminated water. Water is treated to remove chlorine as the water flows through the tanks. This stream is then routed to an NPDS monitored outfall.

BAT Metals Removal

The BAT metals removal process is used to treat metals contaminated wastewater. A pH adjustment system and water treatment additives are used to enhance the flocculation and subsequent precipitation of metals. Settlers and filters are used to remove the metals before the wastewater is sent to further treatment prior to discharge to an NPDES outfall.

Groundwater Collection System

The groundwater collection system is used to collect groundwater pumped from remediation wells at various locations in the Complex. The water is removed either by pumps or vacuum systems. In most cases, the well water is transferred first to a collection tank, then is treated by an air stripper. The vent from the stripper is utilized as a portion of the combustion air for No. 3 Halogen Acid Furnace.

Vacuum Trucks

Vacuum trucks are used in various areas around the plant to facilitate maintenance activities, to transfer liquid streams, and to remove solids. Use of vacuum trucks is limited to those instances where pumping systems are not available or impractical.

This permit modification adds emissions of dichloromethane (methylene chloride) for ARE044, which were inadvertently omitted in the previous permit. Emission corrections for Source ARE043 are also made. The corrections include an emission rate increase of 1,2-dichloroethane by 0.12 tons per year, which is over its MER. There are no proposed construction, modification, or reconstruction activities being requested with this permit modification.

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Estimated emissions from this unit in tons per year are as follows:

Pollutant	Before	After	Change
PM <sub>10</sub>	< 0.01	< 0.01	-
SO <sub>2</sub>	< 0.01	< 0.01	-
NO <sub>x</sub>	< 0.01	< 0.01	-
CO	< 0.01	< 0.01	-
VOC	39.50	30.91	- 8.59

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
1,1,2,2-Tetrachloroethane	0.46	0.47	+ 0.01
1,1,2-Trichloroethane	1.48	1.50	+ 0.02
1,1-Dichloroethane	1.58	1.58	-
1,2-Dichloroethane	6.93	7.05	+ 0.12
Benzene	< 0.01	< 0.01	-
Biphenyl	0.10	0.10	-
Carbon Disulfide	< 0.01	< 0.01	-
Carbon Tetrachloride	1.42	1.35	- 0.07
Chlorobenzene	< 0.01	< 0.01	-
Chloroethane	1.67	1.76	+ 0.09
Chloroform	9.84	1.04	- 8.80
Dichloromethane	< 0.01	< 0.01	-
Hexachlorobutadiene	0.10	0.10	-
Hexachloroethane	-	0.11	+ 0.11
Methyl Chloride	< 0.01	< 0.01	-
Toluene	< 0.01	< 0.01	-
Trichloroethylene	5.30	5.32	+ 0.02
Vinyl Chloride	0.29	0.29	-
Vinylidene Chloride	2.82	2.83	+ 0.01
Total	31.99	23.50	- 8.49

Other VOC (TPY):

7.41

**IV. Type of Review**

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, and National Emission Standards for Hazardous Air Pollutants (NESHAP). New Source Performance Standards (NSPS) and Prevention of Significant Deterioration (PSD) do not apply.

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This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. The Air Toxic Compliance Plan for PPG's Lake Charles Complex was approved by the LDEQ on March 29, 1995. Provisions of the compliance plan related to the Wastewater Unit have been incorporated herein.

**V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**VI. Public Notice**

Per LAC 33:III.5107.D, a notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge and in the *American Press*, Lake Charles, on [date], 2008. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on [date], 2008. The draft permit was also submitted to US EPA Region VI on [date], 2008. All comment will be considered prior to a final permit decision.

**VII. Effects on Ambient Air**

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

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**VIII. General Condition XVII Activities**

Work Activity	Schedule	Emission Rates (TPY)
O1 – Sampling	18,250 samples/year	VOC: < 0.01; HCl: < 0.01; PER: < 0.01
O3 – Loading Hoses Disconnection	25 times/month	Non-VOC: < 0.01
M1 – Pump Clearing	250 pumps/year	VOC: < 0.01; HCl: < 0.01; PER: < 0.01
M2 – Miscellaneous Piping Clearing	40 pipes/week	VOC: < 0.01; HCl: < 0.01
M3 – Instrument Tubing Clearing	10 feet/week	HCl: < 0.01
M4 – Tank Clearing	15 times/year	VOC: 0.16; HCl: 0.11; PER: 0.01
M6 – Steam Stripper System Clearing	70 times/year	VOC: 0.01; HCl: 0.01; PER: < 0.01
M12 – Shop Parts Clearing Machine	520 gal/year (solvent)	VOC: 0.19

NOTE: PER = Perchloroethylene (Tetrachloroethylene)

**IX. Insignificant Activities**

ID No.	Description	Citation
	Formate Bleach Tank	[LAC 33:III.501.B.5.A.4]
	DTC Storage Tank	[LAC 33:III.501.B.5.A.4]
	Dechlor Thiosulfate Tank	[LAC 33:III.501.B.5.A.4]
	Laboratory Emissions	[LAC 33:III.501.B.5.A.6]
	Stabilizer Drum Washing Operations	[LAC 33:III.501.B.5.A.7]
	Process Stream/Vent Analyzer	[LAC 33:III.501.B.5.A.9]

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LAKE CHARLES COMPLEX - WASTEWATER UNIT  
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PPG INDUSTRIES, INC.

LAKE CHARLES, CALCASIEU PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter																	
		5 <sup>A</sup>	9	11	13	15	2103	2104*	2107	2113	2115	2116*	2153	22	29*	51*	53	56	59
UNF009	Wastewater Unit	1							1						1	1		1	1
ARE043	Lift Stations											2				1			
ARE044	Formate, Dechlorination Area Source											3				1			
ARE045	Metal Removal Area Source											3				1			
ARE046	Upstream Lift Stations											2				1			
EQT344	Outfall 001 HCl Storage Tank Scrubber															1			
EQT345	HCl Tanks (COS, No. 3 Inc. WA, T-7) Scrubber															1			
EQT346	ND Groundwater Collection Tank															3			
EQT347	Vacuum Trucks - Mobile Source															3			
EQT348	South Terminal Rainwater Storage Tank											3				1			
EQT349	South Terminal Dock Sump Tank											3				1			
EQT350	South Terminal EDC Pumps Sump Tank											3				1			
EQT351	C Dock Solvent Rainwater Storage Tank											3				1			
EQT352	WTU Stormwater Storage Tank											3				1			
EQT353	South Terminal Flameless Thermal Oxidizer			1	1	1										3			
EQT354	ST Groundwater Collection Tank															3			
EQT356	COS Acid Storage Tank															1			

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III. Chapter																	
		5 <sup>A</sup>	9	11	13	15	2103	2104*	2107	2113	2115	2116*	2153	22	29*	51*	53	56	59
EQT357	No. 3 Incinerator Weak Acid Storage Tank															1			
EQT358	No. 3 Incinerator 201 Tank															1			
EQT359	No. 1 WTU Stripper Feed Tank					3							2			1			
EQT360	No. 2 WTU Stripper Feed Tank					3							2			1			
EQT361	No. 1 P/T Stripper Feed Tank					3							2			1			
EQT362	No. 2 P/T Stripper Feed Tank					3							2			1			
EQT363	No. 3 P/T Stripper Feed Tank					3							2			1			
EQT364	WTU Backwash Collection Tank					3							3			1			
EQT365	No. 3 WTU Stripper Feed Tank					3							2			1			
EQT366	No. 2 CSS Feed Tank					3							2			1			
EQT368	No. 1 CSS Feed Tank					3							2			1			
EQT369	No. 2 WTU Steam Stripper												2			1			
EQT370	No. 3 WTU Steam Stripper												2			1			
EQT371	No. 1 P/T Steam Stripper												2			1			
EQT372	No. 2 P/T Steam Stripper												2			1			
EQT373	No. 1 OHC Central Steam Stripper												2			1			
EQT374	No. 2 OHC Central Steam Stripper												2			1			
EQT387	No. 1 WTU Settler					3							2			1			
EQT388	No. 2 WTU Settler					3							2			1			
EQT389	No. 3 WTU Settler					3							2			1			
EQT390	No. 1 WTU Steam Stripper												2			1			
EQT391	Chicot Air Stripper												3			1			

\* The regulations indicated above are State Only regulations except for LAC 33:III.501.C.6 Limitations that specifically state that the regulation is Federally Enforceable.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the 'Specific Requirements' report specifically states that the regulation is State Only.

**KEY TO MATRIX**

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- 2 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 3 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- Blank – The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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LAKE CHARLES, CALCASIEU PARISH, LOUISIANA

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.	Description	40 CFR 60 NSPS						40 CFR 63 NESHAP						40 CFR 68							
		A	K <sub>2</sub>	K <sub>P</sub>	D <sub>P</sub>	D <sub>C</sub>	GG	NNN	A	F	M	A	F		G	H	EEH	GGGGG	NNNNN		
UNF009	Wastewater Unit																			1	
ARE043	Lift Stations																				
ARE044	Formate, Dechlorination Area Source																				
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EQT350	South Terminal EDC Pumps Sump Tank																				
EQT351	C Dock Solvent Rainwater Storage Tank																				
EQT352	WTU Stormwater Storage Tank																				





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LAKE CHARLES, CALCASIEU PARISH, LOUISIANA

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
ARE043, ARE046	Limiting VOC emissions from Industrial Wastewater [LAC 33:III.2153]	Exempt - Subject to HON Subpart G.
ARE044, ARE045	Limiting VOC emissions from Industrial Wastewater [LAC 33:III.2153]	Does not apply - VOC concentration of the wastewater stream < 1,000 ppmw.
EQT346, EQT353, EQT354	NESHAP Subpart GGGG - Site Remediation [40 CFR 63.7881]	Does not apply - The remediation is performed under RCRA corrective action and is not subject to this subpart per 40 CFR 63.7881(b)(3).
EQT347	Comprehensive TAP Emission Control Program [LAC 33:III.5109]	Does not apply - Emissions from the remediation of a RCRA corrective action is exempt per LAC 33:III.5105.B.6.
EQT348, EQT349, EQT350, EQT351, EQT352, EQT391	Comprehensive TAP Emission Control Program [LAC 33:III.5109]	Does not apply - Not a stationary source.
EQT359, EQT360, EQT361, EQT362, EQT363, EQT365, EQT366, EQT368, EQT387, EQT388, EQT389	Limiting VOC emissions from Industrial Wastewater [LAC 33:III.2153]	Does not apply - The water stream is not in direct contact with VOC.
EQT364	Storage of Volatile Organic Compounds [LAC 33:III.2103]	Does not apply - Maximum true vapor pressure of VOC < 1.5 psia.
	Limiting VOC emissions from Industrial Wastewater [LAC 33:III.2153]	Exempt - Subject to HON Subpart G.
	Storage of Volatile Organic Compounds [LAC 33:III.2103]	Does not apply - Not a VOL (< 10% VOL).
	Limiting VOC emissions from Industrial Wastewater [LAC 33:III.2153]	Does not apply - VOC concentration of the wastewater stream < 1,000 ppmw.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No.	Requirement	Notes
EQT364 (continued)	HON Subpart G – NESHAP SOCM I Process Wastewater [40 CFR 63.132]	Does not apply – The wastewater has been treated in accordance with HON Subpart G.
EQT369, EQT370, EQT371, EQT372, EQT390	Limiting VOC emissions from Industrial Wastewater [LAC 33:III.2153]	Exempt – Subject to HON Subpart G.
EQT373, EQT374	Waste Gas Disposal [LAC 33:III.2115] Limiting VOC emissions from Industrial Wastewater [LAC 33:III.2153]	Exempt – Subject to HON Subpart G. Exempt – Subject to HON Subpart G.

The above table provides explanation for both the exemption status and non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

**INVENTORIES**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex  
 Activity Number: PER20070021  
 Permit Number: 2269-V1  
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Wastewater Unit</b>						
ARE0043	386 - Lift Stations					8760 hr/yr (All Year)
ARE0044	395 - Formate, Dechlorination Area Source	80000 gallons				8760 hr/yr (All Year)
ARE0045	396 - Metal Removal Area Source	305143 gallons				8760 hr/yr (All Year)
ARE0046	501-506 - Upstream Lift Stations					8760 hr/yr (All Year)
EQ10344	368 - Outfall 001 HCl Storage Tank Scrubber	6900 gallons			Multiple tanks	8760 hr/yr (All Year)
EQ10345	375 - HCl Tanks (COS, No. 3 Inc. WA, T-7) Scrubber	27600 gallons				8760 hr/yr (All Year)
EQ10346	380 - ND Groundwater Collection Tank	8812 gallons				8760 hr/yr (All Year)
EQ10347	388 - Vacuum Trucks - Mobile Source					8760 hr/yr (All Year)
EQ10348	536A - South Terminal Rainwater Storage Tank	13395 gallons				8760 hr/yr (All Year)
EQ10349	536B - South Terminal Dock Sump Tank	2280 gallons				8760 hr/yr (All Year)
EQ10350	536C - South Terminal EDC Pumps Sump Tank	2534 gallons				8760 hr/yr (All Year)
EQ10351	537 - C Dock Solvent Rainwater Storage Tank	13395 gallons				8760 hr/yr (All Year)
EQ10352	540 - WTU Stormwater Storage Tank	2 million gallons		.04 MM BTU/hr		8760 hr/yr (All Year)
EQ10353	544 - South Terminal Flameless Thermal Oxidizer					8760 hr/yr (All Year)
EQ10354	56A-T-63065 - ST Groundwater Collection Tank	5568 gallons				8760 hr/yr (All Year)
EQ10355	51A-T-61583 - Outfall 001 HCl Storage Tank	6900 gallons				8760 hr/yr (All Year)
EQ10356	66A-T-10 - COS Acid Storage Tank	7000 gallons				8760 hr/yr (All Year)
EQ10357	68A-T-15 - No. 3 Incinerator Weak Acid Storage Tank	19500 gallons				8760 hr/yr (All Year)
EQ10358	20A-T-7 - No. 3 Incinerator 201 Tank	800 gallons				8760 hr/yr (All Year)
EQ10359	57A-T-201 - No. 1 WTU Stripper Feed Tank	100000 gallons				8760 hr/yr (All Year)
EQ10360	57A-T-202 - No. 2 WTU Stripper Feed Tank	100000 gallons				8760 hr/yr (All Year)
EQ10361	57G-T-101 - No. 1 P/T Stripper Feed Tank	17000 gallons				8760 hr/yr (All Year)
EQ10362	57G-T-201 - No. 2 P/T Stripper Feed Tank	17000 gallons				8760 hr/yr (All Year)
EQ10363	57G-T-446 - No. 3 P/T Stripper Feed Tank	18800 gallons				8760 hr/yr (All Year)
EQ10364	57A-T-412 - WTU Backwash Collection Tank	63000 gallons				8760 hr/yr (All Year)
EQ10365	57A-T-425 - No. 3 WTU Stripper Feed Tank	470000 gallons				8760 hr/yr (All Year)
EQ10366	57D-T-3 - No. 2 CSS Feed Tank	16000 gallons				8760 hr/yr (All Year)
EQ10368	57A-T-62789 - No. 1 CSS Feed Tank	21000 gallons				8760 hr/yr (All Year)
EQ10369	57A-C-472 - No. 2 WTU Steam Stripper					8760 hr/yr (All Year)
EQ10370	57A-C-405-B - No. 3 WTU Steam Stripper					8760 hr/yr (All Year)
EQ10371	57G-C-462-A - No. 1 P/T Steam Stripper					8760 hr/yr (All Year)
EQ10372	57G-C-462-B - No. 2 P/T Steam Stripper					8760 hr/yr (All Year)
EQ10373	57D-C-464-A - No. 1 OHC Central Steam Stripper					8760 hr/yr (All Year)
EQ10374	57D-C-464-B - No. 2 OHC Central Steam Stripper					8760 hr/yr (All Year)
EQ10387	57A-T-203 - No. 1 WTU Settler	100000 gallons				8760 hr/yr (All Year)
EQ10388	57A-T-204 - No. 2 WTU Settler	100000 gallons				8760 hr/yr (All Year)
EQ10389	57A-T-424 - No. 3 WTU Settler	300000 gallons				8760 hr/yr (All Year)
EQ10390	57A-C-1 - No. 1 WTU Steam Stripper					8760 hr/yr (All Year)
EQ10391	56H-C-4003 - Chicot Air Stripper					8760 hr/yr (All Year)

**INVENTORIES**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex  
 Activity Number: PER20070021  
 Permit Number: 2269-V1  
 Air - Title V Regular Permit Minor Mod

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
<b>Wastewater Unit</b>							
ARE0044	395 - Formate, Dechlorination Area Source					22.5	
ARE0045	396 - Metal Removal Area Source					24	
EQT0344	368 - Outfall 001 HCl Storage Tank Scrubber			1.5		2	80
EQT0345	375 - HCl Tanks (COS, No. 3 Inc. WA, T-7) Scrubber			1.5		15	110
EQT0346	380 - ND Groundwater Collection Tank			.5		22	70
EQT0347	388 - Vacuum Trucks - Mobile Source		.01	.25		10	80
EQT0348	536A - South Terminal Rainwater Storage Tank			.33		21.83	80
EQT0349	536B - South Terminal Dock Sump Tank			.17		2.92	70
EQT0350	536C - South Terminal EDC Pumps Sump Tank			.17		2.58	70
EQT0351	537 - C Dock Solvent Rainwater Storage Tank			.33		21.83	70
EQT0352	540 - WTU Stormwater Storage Tank			94		40	80
EQT0353	544 - South Terminal Flameless Thermal Oxidizer	5.35	7	.17		12	170

ID	Description	Relationship	ID	Description
EQT0344	368: Outfall 001 HCl Storage Tank Scrubber	Controls emissions from	EQT0355	51A-T-61583: Outfall 001 HCl Storage Tank
EQT0345	375: HCl Tanks (COS, No. 3 Inc. WA, T-7) Scrubber	Controls emissions from	EQT0356	66A-T-10: COS Acid Storage Tank
EQT0345	375: HCl Tanks (COS, No. 3 Inc. WA, T-7) Scrubber	Controls emissions from	EQT0357	88A-T-15: No. 3 Incinerator Weak Acid Storage Tank
EQT0345	375: HCl Tanks (COS, No. 3 Inc. WA, T-7) Scrubber	Controls emissions from	EQT0358	20A-T-7: No. 3 Incinerator 201 Tank
EQT0353	544: South Terminal Flameless Thermal Oxidizer	Controls emissions from	EQT0354	56A-T-63065: ST Groundwater Collection Tank

Subject Item Groups:	
ID	Group Type
UNF0009	Unit or Facility Wide

**Group Membership:**

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:			
Fee Number	Air Contaminant Source	Multipplier	Units Of Measure
0620	Halogenated Hydrocarbons (Rated Capacity)	1	MM Lb/Yr

SIC Codes:	
2812	Alkalies and chlorine
	AI1255

**INVENTORIES**

**AI ID: 1255 - PPG Industries Inc - Lake Charles Complex**

**Activity Number: PER20070021**

**Permit Number: 2269-V1**

**Air - Title V Regular Permit Minor Mod**

**SIC Codes:**

2819	Industrial inorganic chemicals, nec	A11255
2869	Industrial organic chemicals, nec	A11255

# EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Wastewater Unit															
ARE 0043															
386															
ARE 0044															
395															
ARE 0045															
396															
ARE 0046															
501-506															
EQT 0346															
380															
EQT 0347															
388															
EQT 0348															
538A															
EQT 0349															
538B															
EQT 0350															
538C															
EQT 0351															
537															
EQT 0352															
540															
EQT 0353															
544	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0043 386	1,1,1-Trichloroethane	0.020		0.07
	1,1,2,2-Tetrachloroethane	< 0.001		< 0.01
	1,1,2-Trichloroethane	0.004		0.02
	1,1-Dichloroethane	0.003		0.01
	1,2-Dichloroethane	0.04		0.18
	Biphenyl	< 0.001		< 0.01
	Carbon disulfide	< 0.01		< 0.01
	Carbon tetrachloride	0.01		0.02
	Chlorobenzene	< 0.001		< 0.001
	Chloroethane	0.02		0.07
	Chloroform	0.001		< 0.01
	Hexachlorobutadiene	0.001		0.003
	Hexachloroethane	0.001		< 0.01
	Hydrochloric acid	0.003		0.01
	Tetrachloroethylene	0.010		0.04
	Trichloroethylene	0.01		0.02
	Vinyl chloride	0.001		0.01
Vinylidene chloride	0.01		0.03	
ARE 0044 395	1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001
	1,2-Dichloroethane	< 0.001	0.001	0.002
	Benzene	< 0.001	0.001	0.004
	Chloroform	< 0.001	< 0.001	< 0.001
	Dichloromethane	< 0.001	0.001	0.002
	Tetrachloroethylene	< 0.001	< 0.001	< 0.001
	Trichloroethylene	< 0.001	< 0.001	< 0.001
	Vinyl chloride	< 0.001	0.002	0.004
ARE 0045 396	1,1,1-Trichloroethane	< 0.001	0.001	0.001
	1,1,2,2-Tetrachloroethane	0.002	0.01	0.01
	1,1,2-Trichloroethane	0.002	0.01	0.01
	1,1-Dichloroethane	< 0.001	0.001	0.001
	1,2-Dichloroethane	0.01	0.03	0.03
	Chloroethane	0.01	0.03	0.02
	Chloroform	0.01	0.02	0.03
	Methyl chloride	< 0.001	0.002	0.003

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0045 396	Tetrachloroethylene	0.003	0.01	0.01
	Trichloroethylene	0.01	0.02	0.02
	Vinyl chloride	< 0.001	< 0.001	< 0.001
	Vinylidene chloride	< 0.001	0.001	0.001
ARE 0046 501-506	1,1,1-Trichloroethane	0.415		1.82
	1,1,2,2-Tetrachloroethane	0.011		0.05
	1,1,2-Trichloroethane	0.106		0.47
	1,1-Dichloroethane	0.074		0.32
	1,2-Dichloroethane	0.666		2.92
	Benzene	< 0.001		< 0.001
	Biphenyl	0.022		0.10
	Carbon disulfide	< 0.001		< 0.001
	Carbon tetrachloride	0.217		0.95
	Chlorobenzene	< 0.001		< 0.001
	Chloroethane	0.056		0.24
	Chloroform	0.037		0.16
	Dichloromethane	< 0.001		< 0.001
	Hexachlorobutadiene	0.024		0.10
	Hexachloroethane	0.026		0.11
	Hydrochloric acid	0.105		0.46
	Tetrachloroethylene	0.49		2.13
	Trichloroethylene	0.328		1.43
Vinyl chloride	0.039		0.17	
Vinylidene chloride	0.408		1.79	
EQT 0344 368	Hydrochloric acid	< 0.01	< 0.01	< 0.01
EQT 0345 375	Hydrochloric acid	< 0.01	< 0.01	< 0.01
EQT 0346 380	1,1,1-Trichloroethane	0.05	0.06	0.20
	1,1,2,2-Tetrachloroethane	0.003	0.004	0.01
	1,1-Dichloroethane	< 0.001	< 0.001	< 0.001
	1,2-Dichloroethane	0.04	0.05	0.20
	Tetrachloroethylene	0.002	0.002	0.01
	Trichloroethylene	0.03	0.03	0.12
	Vinyl chloride	< 0.001	< 0.001	< 0.001
	Vinylidene chloride	0.005	0.01	0.02

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0347 388	1,1,1-Trichloroethane	0.36	0.43	1.58
	1,1,2,2-Tetrachloroethane	0.092	0.110	0.40
	1,1,2-Trichloroethane	0.229	0.274	1.00
	1,1-Dichloroethane	0.285	0.342	1.25
	1,2-Dichloroethane	0.85	1.02	3.72
	Carbon tetrachloride	0.084	0.100	0.37
	Chloroethane	0.327	0.392	1.43
	Chloroform	0.193	0.232	0.85
	Tetrachloroethylene	0.65	0.78	2.85
	Trichloroethylene	0.828	0.993	3.62
	Vinyl chloride	0.025	0.030	0.11
Vinylidene chloride	0.225	0.270	0.99	
EQT 0348 535A	1,2-Dichloroethane	< 0.001		0.002
EQT 0349 536B	1,2-Dichloroethane	< 0.001		< 0.001
EQT 0350 536C	1,2-Dichloroethane	< 0.001		< 0.001
EQT 0351 537	1,1,1-Trichloroethane	0.038		0.17
	Dichloromethane	< 0.001		< 0.001
	Tetrachloroethylene	0.045		0.20
	Trichloroethylene	0.023		0.10
EQT 0352 540	1,1,1-Trichloroethane	0.002		0.01
	1,1,2-Trichloroethane	< 0.001		< 0.001
	1,1-Dichloroethane	< 0.001		< 0.001
	1,2-Dichloroethane	< 0.001		< 0.001
	Carbon tetrachloride	0.002		0.01
	Chloroform	< 0.001		< 0.001
	Tetrachloroethylene	0.008		0.04
	Trichloroethylene	0.002		0.01
EQT 0353 544	1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001
	1,1,2-Trichloroethane	< 0.001	< 0.001	< 0.001
	1,1-Dichloroethane	< 0.001	< 0.001	< 0.001
	1,2-Dichloroethane	< 0.001	< 0.001	< 0.001
	Chlorine	0.01	0.02	0.04
	Chloroethane	< 0.001	< 0.001	< 0.001
	Chloroform	< 0.001	< 0.001	< 0.001

## EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0353 544	Hydrochloric acid	0.01	0.02	0.04
	Tetrachloroethylene	< 0.001	< 0.001	< 0.001
	Trichloroethylene	< 0.001	< 0.001	< 0.001
UNF 0009	1,1,1-Trichloroethane			3.81
	1,1,2,2-Tetrachloroethane			0.47
	1,1,2-Trichloroethane			1.50
	1,1-Dichloroethane			1.58
	1,2-Dichloroethane			7.05
	Benzene			< 0.01
	Biphenyl			0.10
	Carbon disulfide			< 0.01
	Carbon tetrachloride			1.35
	Chlorine			0.04
	Chlorobenzene			< 0.01
	Chloroethane			1.76
	Chloroform			1.04
	Dichloromethane			< 0.01
	Hexachlorobutadiene			0.10
	Hexachloroethane			0.11
	Hydrochloric acid			0.51
	Methyl chloride			< 0.01
	Tetrachloroethylene			5.27
	Toluene			< 0.01
Trichloroethylene			5.32	
Vinyl chloride			0.29	
Vinylidene chloride			2.83	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

**SPECIFIC REQUIREMENTS**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

**ARE0043 386: Lift Stations**

- 1 [40 CFR 63.132(a)(1)] Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records specified in 40 CFR 63.147(a) through (f), as applicable. Subpart G.
- 2 [40 CFR 63.147] This source includes Lift Station No. 7 WTU (386A), Lift Station No. 2 WTU (386C), CSS Sump (386D), Formate Sump (386E), Dechlor Sump (386F), BAT Sump WTU (386G), Lift Station No. 1 WTU (386H), Lift Station No. 6 Per/Tri (386I), BAT Per/Tri Sump (386J), Lift Station No. 10 PHH (386M), Impounding Basin PHH (386N), BAT-Rain PHH (386O), BAT Organic PHH (386P), E. Process Area Sump Tank PHH (386Q), BAT TE-2 Sump (386R), Lift Station No. 9 TE-2 (386S), BAT Stormwater Tank TE-2 (386U), Lift Station No. 4 Shipping (386V), Lift Station No. 1 EC/HCl (386W), Lift Station No. 5 EDC (386X), Lift Station No. 3 VDCM (386Y), 301 Stormwater Sump WTU (386Z), Classifier Sump (386AA), Air Stripper Sump (386FF), RLST Lift Station (386HH), and Main Lab Wastewater Sump (386GG). Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.
- 4 [LAC 33:III.5109.A.2]

**ARE0044 395: Formate, Dechlorination Area Source**

- 5 [LAC 33:III.501] This source includes MR 1st Stage Dechlorination Tank No. 1 W. (57G-T-1), MR 2nd Stage Dechlorination Tank No. 2 E. (57G-T-2), MR 1st Stage Dechlorination Tank No. 3 W. (57G-T-3), MR 2nd Stage Dechlorination Tank No. 2 E. (57G-T-4), No. 1 Retention Tank (66A-T-1), No. 2 Retention Tank (66A-T-12), and No. 3 Retention Tank (66A-T-13). Treated wastewater streams. No further control is required.
- 6 [LAC 33:III.5109.A]

**ARE0045 396: Metal Removal Area Source**

- 7 [LAC 33:III.501] This source include No. 1 Equalization Tank South (57G-T-8), No. 2 Equalization Tank North (57G-T-9), and MR Sludge Thickener (57G-T-21). Treated wastewater streams. No further control is required.
- 8 [LAC 33:III.5109.A]

**ARE0046 501-506: Upstream Lift Stations**

- 9 [40 CFR 63.147] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records specified in 40 CFR 63.147(a) through (f), as applicable. Subpart G.
- 10 [LAC 33:III.501] This source includes Upstream WTU Lift Station No. 7 (501A), Upstream WTU Lift Station No. 2 (501C), Upstream WTU CSS Sump (501D), Upstream WTU Formate Sump (501F), Upstream WTU BAT Sump (501G), Upstream WTU Lift Station No. 11 North (501H), Upstream WTU Clarifier Sump (501J), Upstream P/T Lift Station No. 6 (502A), Upstream P/T BAT Sump (502B), Upstream PHH Impounding Basin (503B), Upstream PHH BAT-Rain (503C), Upstream PHH BAT Organic (503D), Upstream PHH E. Process Sump (503E), Upstream TE-2 BAT Sump (504A), Upstream TE-2 Lift Station No. 9 (504B), Upstream Shipping Lift Station No. 4 (505), Upstream EC/HCl Lift Station No. 1 (506A), Upstream EDC Lift Station No. 5 (506B), and Upstream VDCM Lift Station No. 3 (506C). Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.
- 11 [LAC 33:III.5109.A.2]

**SPECIFIC REQUIREMENTS**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

**EQT0344 368: Outfall 001 HCl Storage Tank Scrubber**

- 12 [LAC 33:III.501.C.6] Flow rate  $\geq$  7 gallons/min. State-only.  
Which Months: All Year Statistical Basis: None specified  
Flow rate monitored by flow rate monitoring device daily when the HCl tank is in operation. State-only.
- 13 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified  
Records of daily flow rate check and corrective actions taken shall be maintained onsite for at least two years and be available for inspection by DEQ. State-only.
- 14 [LAC 33:III.501.C.6] Shall take corrective action if the flow rate is low. State-only.
- 15 [LAC 33:III.501.C.6] Class III TAP - MACT is not required.
- 16 [LAC 33:III.5109.A]

**EQT0345 375: HCl Tanks (COS, No. 3 Inc. WA, T-7) Scrubber**

- 17 [LAC 33:III.501.C.6] Flow rate  $\geq$  1.8 gallons/min. State-only.  
Which Months: All Year Statistical Basis: None specified  
Flow rate monitored by flow rate monitoring device daily when the HCl tank is in operation. State-only.
- 18 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified  
Records of daily flow rate check and corrective actions taken shall be maintained onsite for at least two years and be available for inspection by DEQ. State-only.
- 19 [LAC 33:III.501.C.6] Shall take corrective action if the flow rate is low. State-only.
- 20 [LAC 33:III.501.C.6] Class III TAP - MACT is not required.
- 21 [LAC 33:III.5109.A]

**EQT0348 536A: South Terminal Rainwater Storage Tank**

- 22 [LAC 33:III.5109.A] Stormwater with extremely low TAP concentration. No control is required.

**EQT0349 536B: South Terminal Dock Sump Tank**

- 23 [LAC 33:III.5109.A] Stormwater with extremely low TAP concentration. No control is required.

**EQT0350 536C: South Terminal EDC Pumps Sump Tank**

- 24 [LAC 33:III.5109.A] Stormwater with extremely low TAP concentration. No control is required.

**EQT0351 537: C Dock Solvent Rainwater Storage Tank**

- 25 [LAC 33:III.5109.A] Stormwater with extremely low TAP concentration. No control is required.

**EQT0352 540: WTU Stormwater Storage Tank**

**SPECIFIC REQUIREMENTS**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

**EQT0352 540: WTU Stormwater Storage Tank**

26 [LAC 33:III.5109.A] Stormwater with extremely low TAP concentration. No control is required.

**EQT0353 544: South Terminal Flameless Thermal Oxidizer**

27 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

28 [LAC 33:III.1311.C] Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

29 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

**EQT0355 51A-T-61583: Outfall 001 HCl Storage Tank**

30 [LAC 33:III.5109.A] Class III TAP - MACT is not required.

**EQT0356 66A-T-10: COS Acid Storage Tank**

31 [LAC 33:III.5109.A] Class III TAP - MACT is not required.

**EQT0357 68A-T-15: No. 3 Incinerator Weak Acid Storage Tank**

32 [LAC 33:III.5109.A] Class III TAP - MACT is not required.

**EQT0358 20A-T-7: No. 3 Incinerator 201 Tank**

33 [LAC 33:III.5109.A] Class III TAP - MACT is not required.

**EQT0359 57A-T-201: No. 1 WTU Stripper Feed Tank**

34 [40 CFR 63.132(a)(3)]

Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 147(b)(8). Subpart G. [40 CFR 63.132(a)(3)]

35 [LAC 33:III.5109.A.2]

Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0360 57A-T-202: No. 2 WTU Stripper Feed Tank**

**SPECIFIC REQUIREMENTS**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex  
Activity Number: PER20070021  
Permit Number: 2269-V1  
Air - Title V Regular Permit Minor Mod

**EQT0360 57A-T-202: No. 2 WTU Stripper Feed Tank**

- 36 [40 CFR 63.132(a)(3)]
- 37 [LAC 33:III.5109.A.2]

Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 147(b)(8). Subpart G. [40 CFR 63.132(a)(3)]  
Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0361 57G-T-101: No. 1 P/T Stripper Feed Tank**

- 38 [40 CFR 63.113(a)(2)]
- 39 [40 CFR 63.113(c)(1)(ii)]
- 40 [40 CFR 63.113(c)(1)]
- 41 [40 CFR 63.117(a)]
- 42 [LAC 33:III.5109.A.2]

Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified  
Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens  $<$  0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified  
Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]  
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]  
Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0362 57G-T-201: No. 2 P/T Stripper Feed Tank**

- 43 [40 CFR 63.113(a)(2)]
- 44 [40 CFR 63.113(c)(1)(ii)]
- 45 [40 CFR 63.113(c)(1)]
- 46 [40 CFR 63.117(a)]
- 47 [LAC 33:III.5109.A.2]

Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified  
Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens  $<$  0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified  
Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]  
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]  
Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0363 57G-T-446: No. 3 P/T Stripper Feed Tank**

- 48 [40 CFR 63.113(a)(2)]

Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

**EQ10363 57G-T-446: No. 3 P/T Stripper Feed Tank**

- 49 [40 CFR 63.113(c)(1)(ii)] Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens < 0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 50 [40 CFR 63.113(c)(1)] Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]
- 51 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
- 52 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQ10364 57A-T-412: WTU Backwash Collection Tank**

- 53 [LAC 33:III.5109.A] Emissions are controlled by the No. 1 and No. 2 Incinerators (345), No. 3 HAF (346), or No. 4 Thermal Oxidizer (347) covered in Permit 2040-V0, issued February 21, 2005, or any subsequent revisions thereto - Determined as MACT.

**EQ10365 57A-T-425: No. 3 WTU Stripper Feed Tank**

- 54 [40 CFR 63.132(a)(3)] Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 147(b)(8). Subpart G. [40 CFR 63.132(a)(3)]
- 55 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQ10366 57D-T-3: No. 2 CSS Feed Tank**

- 56 [40 CFR 63.113(a)(2)] Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified
- 57 [40 CFR 63.113(c)(1)(ii)] Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens < 0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 58 [40 CFR 63.113(c)(1)] Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]
- 59 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
- 60 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQ10368 57A-T-62789: No. 1 CSS Feed Tank**

## SPECIFIC REQUIREMENTS

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

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### EQ10368 57A-T-62789: No. 1 CSS Feed Tank

- 61 [40 CFR 63.113(a)(2)] Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified
- 62 [40 CFR 63.113(c)(1)(ii)] Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens  $<$  0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 63 [40 CFR 63.113(c)(1)] Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]
- 64 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]  
Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.
- 65 [LAC 33:III.5109.A.2]

### EQ10369 57A-C-472: No. 2 WTU Steam Stripper

- 66 [40 CFR 63.132(a)(3)] Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 147(b)(8). Subpart G. [40 CFR 63.132(a)(3)]  
Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.
- 67 [LAC 33:III.5109.A.2]

### EQ10370 57A-C-405-B: No. 3 WTU Steam Stripper

- 68 [40 CFR 63.132(a)(3)] Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 147(b)(8). Subpart G. [40 CFR 63.132(a)(3)]  
Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.
- 69 [LAC 33:III.5109.A.2]

### EQ10371 57G-C-462-A: No. 1 P/T Steam Stripper

- 70 [40 CFR 63.113(a)(2)] Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified
- 71 [40 CFR 63.113(c)(1)(ii)] Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens  $<$  0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 72 [40 CFR 63.113(c)(1)] Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]
- 73 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]  
Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.
- 74 [LAC 33:III.5109.A.2]

**SPECIFIC REQUIREMENTS**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

**EQT0372 57G-C-462-B: No. 2 PIT Steam Stripper**

- 75 [40 CFR 63.113(a)(2)] Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified
- 76 [40 CFR 63.113(c)(1)(ii)] Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens  $<$  0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 77 [40 CFR 63.113(c)(1)] Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]
- 78 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
- 79 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0373 57D-C-464-A: No. 1 OHC Central Steam Stripper**

- 80 [40 CFR 63.113(a)(2)] Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified
- 81 [40 CFR 63.113(c)(1)(ii)] Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens  $<$  0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 82 [40 CFR 63.113(c)(1)] Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]
- 83 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
- 84 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0374 57D-C-464-B: No. 2 OHC Central Steam Stripper**

- 85 [40 CFR 63.113(a)(2)] Organic HAP  $\geq$  98 % reduction by weight, or  $\leq$  20 ppmv, whichever is less stringent, as determined using the methods in 40 CFR 63.116(c). Subpart G. [40 CFR 63.113(a)(2)]  
Which Months: All Year Statistical Basis: None specified
- 86 [40 CFR 63.113(c)(1)(ii)] Halogenated vent streams: Hydrogen halides and halogens  $\geq$  95 % reduction, or reduce the outlet mass of total hydrogen halides and halogens  $<$  0.45 kg/hr, whichever is less stringent, using a halogen reduction device. Subpart G. [40 CFR 63.113(c)(1)(ii)]  
Which Months: All Year Statistical Basis: None specified
- 87 [40 CFR 63.113(c)(1)] Halogenated vent streams: Convey vent stream exiting a combustion device to a halogen reduction device, such as a scrubber, before being discharged to the atmosphere. Subpart G. [40 CFR 63.113(c)(1)]
- 88 [40 CFR 63.117(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]

**SPECIFIC REQUIREMENTS**

**AI ID: 1255 - PPG Industries Inc - Lake Charles Complex**

**Activity Number: PER20070021**

**Permit Number: 2269-V1**

**Air - Title V Regular Permit Minor Mod**

**EQT0374 57D-C-464-B: No. 2 OHC Central Steam Stripper**

89 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0387 57A-T-203: No. 1 WTU Settler**

90 [40 CFR 63.132(a)(3)] Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1). Subpart G. [40 CFR 63.132(a)(3)]  
91 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0388 57A-T-204: No. 2 WTU Settler**

92 [40 CFR 63.132(a)(3)] Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1). Subpart G. [40 CFR 63.132(a)(3)]  
93 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0389 57A-T-424: No. 3 WTU Settler**

94 [40 CFR 63.132(a)(3)] Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1). Subpart G. [40 CFR 63.132(a)(3)]  
95 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0390 57A-C-1: No. 1 WTU Steam Stripper**

96 [40 CFR 63.132(a)(3)] Comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1). Subpart G. [40 CFR 63.132(a)(3)]  
97 [LAC 33:III.5109.A.2] Compliance with 40 CFR 63, Subpart G constitutes compliance with MACT.

**EQT0391 56H-C-4003: Chicot Air Stripper**

98 [LAC 33:III.501.C.6] Emissions are routed to the No. 3 HAF (346) covered in Permit 2040-V0, issued February 21, 2005, or any subsequent revisions thereto.  
99 [LAC 33:III.5109.A] Stormwater with extremely low TAP concentration. No control is required.

**UNF0009 Wastewater Unit**

100 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.  
101 [40 CFR 68.10] Wastewater Unit is part of a facility (Lake Charles Complex) that is subject to the requirements of 40 CFR 68.  
102 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

**SPECIFIC REQUIREMENTS**

**AI ID: 1255 - PPG Industries Inc - Lake Charles Complex**

**Activity Number: PER20070021**

**Permit Number: 2269-V1**

**Air - Title V Regular Permit Minor Mod**

**UNF0009 Wastewater Unit**

- 103 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of Environmental Compliance, Surveillance Division. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 104 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 105 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 106 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 107 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 108 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 109 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 110 [LAC 33:III.5105.A.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
- 111 [LAC 33:III.5105.A.2] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
- 112 [LAC 33:III.5105.A.3] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 113 [LAC 33:III.5105.A.4] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
- 114 [LAC 33:III.5107.A.2] Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
- 115 [LAC 33:III.5107.A] Submit Annual Emissions Report (TEDr): Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.

**SPECIFIC REQUIREMENTS**

**AI ID: 1255 - PPG Industries Inc - Lake Charles Complex**  
**Activity Number: PER20070021**  
**Permit Number: 2269-V1**  
**Air - Title V Regular Permit Minor Mod**

**UNF009 Wastewater Unit**

- 116 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 117 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923.
- 118 [LAC 33:III.5107.B.3] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931. Submit notification in the manner provided in LAC 33:I.3923.
- 119 [LAC 33:III.5107.B.4] Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
- 120 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 121 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.
- 122 [LAC 33:III.5113.A.1] Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
- 123 [LAC 33:III.5113.A.2] Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.
- 124 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.
- 125 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.
- 126 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.
- 127 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 128 [LAC 33:III.5901.A] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7. Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.

**SPECIFIC REQUIREMENTS**

AI ID: 1255 - PPG Industries Inc - Lake Charles Complex

Activity Number: PER20070021

Permit Number: 2269-V1

Air - Title V Regular Permit Minor Mod

**UNF0009 Wastewater Unit**

129 [LAC 33:III.5911.A]

130 [LAC 33:III.919.D]

Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.  
Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.